Miliaressis, E., see Malette, J., 45
Menard, I., see Cazalets, J.R., 215

O

Orban, G.A., see De Weerd, P., 201
Ott, D., see Bock, O., 247

P

Paulus, W., see Straube, A., 1
Phillips, D.P. and Farmer, M.E., Acquired word deafness, and the temporal grain of sound representation in the primary auditory cortex, 85
Populin, R., see Castellano, C., 67

R

Reuter, J.H., see Van der Steen, J., 61
Riches, I.P., see Wilson, F.A.W., 7

S

Santos, A., see Urbá-Holmgren, R., 29
Shaw, C., see Aggleton, J.P., 145
Shizgal, P., see Waraczynski, M., 159
Straube, A., Paulus, W. and Brandt, T., Influence of visual blur on object-motion detection, self-motion detection and postural balance, 1

T

Tazi, A., see Dantzer, R., 53
Tomie, J.-A., see Wishaw, I.Q., 131
Ton, M.N.C., see Waraczynski, M., 159
Tonkiss, J. and Galler, J.R., Prenatal protein malnutrition and working memory performance in adult rats, 95
Tranel, D., see Damasio, A.R., 193
Trucios, N., see Urbá-Holmgren, R., 29

U

Urbá-Holmgren, R., Trucios, N., Holmgren, B., Equibar, A., Gavito, G., Cruz, G. and Santos, A., Genotypic dependency of spontaneous yawning frequency in the rat, 29
Ursin, R., see Bjorvatn, B., 239

V

Van Hof, M.W., see Van der Steen, J., 61
Van der Steen, J., Reuter, J.H. and Van Hof, M.W., Three-dimensional retinal image stability during visual tilt discrimination in the rabbit, 61
Vandenbussche, E., see De Weerd, P., 201

W

Waraczynski, M., Ton, M.N.C. and Shizgal, P., Failure of amygdaloid lesions to increase the threshold for self-stimulation of the lateral hypothalamus and ventral tegmantal area, 159
Widgiz, S.L.M. and Beck, C.H.M., Diazepam effects on the exploratory behaviour of rats in an elevated runway: evidence for biphasic effects of benzodiazepines, 109
Williams, J.H., Meara, J.R. and Azmitia, E.C., Effects of 5,7-dihydroxytryptamine injections in the fornix-fimbria on locomotor activity in photocell cages and the open field, 37
Wilson, F.A.W., Riches, I.P. and Brown, M.W., Hippocampus and medial temporal cortex: neuronal activity related to behavioural responses during the performance of memory tasks by primates, 7
Wilson, W.A., see Ettlinger, G., 169
Wishaw, I.Q., Tomie, J.-A. and Ladowsky, R.L., Red nucleus lesions do not affect limb preference or use, but exarcebate the effects of motor cortex lesions on grasping in the rat, 131

Behavioural Brain Research, 40 (1990) 253–258
Elsevier

Key Word Index

A

Alternation
Hippocampus; 5,7-Dihydroxytryptamine; Hyperactivity; Habituation, 37

Prenatal protein malnutrition; Working memory; Interference; Extinction; Reversal; Rat, 95

γ-Aminobutyric acid
Frontal cortex; Delayed spatial alternation; Rat, 81

Amplitude control
Pointing movement; Motor system; Sensorimotor integration, 247

Amygdala
Recognition memory; Mammillary bodies; Fornix; Rat, 145

Self-stimulation; Brain stimulation reward; Medial forebrain bundle; Lateral hypothalamus; Ventral tegmental area; Electrolytic lesion; Rate-frequency curve; Rat, 159

8-Arm maze
Kindling; Working memory; Interictal spike; Seizure, 119

Audition
Cross-modal; Transfer; Matching; Recognition; Vision; Touch; Monkey; Claustrum; Leakage, 169

Auditory cortex
Word deafness; Neural representation; Temporal coding; Speech perception, 85

B

Benzodiazepine
Diazepam; Elevated plus-maze; Exploration; Fear; Reward; Habituation; Biphasic, 109

Biphasic
Benzodiazepine; Diazepam; Elevated plus-maze; Exploration; Fear; Reward; Habituation, 109

Brain stimulation reward
Self-stimulation; Medial forebrain bundle; Amygdala; Lateral hypothalamus; Ventral tegmental area; Electrolytic lesion; Rate–frequency curve; Rat, 159

C

Cat
Orientation discrimination; Testing method; Reliability; Validity, 201

Central pattern generation
Locomotion; Development; Neonate rat; Swimming; Electromyography, 215

Cerebral lateralization
Emotion; Olfaction; Social recognition; Stress; Pituitary-adrenal hormone; Rat, 53

Claustrum
Cross-modal; Transfer; Matching; Recognition; Vision; Touch; Audition; Monkey; Leakage, 169

Cognitive map
Spatial behavior; Navigation; Hippocampus; Pigeon, 227

Contrast sensitivity
Visual control of postural sway; Self-motion perception; Object-motion perception; Visual blurring, 1

Corticospinal tract
Limb preference; Motor cortex; Neural control; Red nucleus; Rubrospinal tract; Rat, 131

Cross-modal
Transfer; Matching; Recognition; Vision; Touch; Audition; Monkey; Claustrum; Leakage, 169

D

Delayed match to sample
Hippocampal formation; Inferotemporal cortex; Monkey; Medial temporal lobe; Memory; Single unit activity, 7

Delayed spatial alternation
Frontal cortex; γ-aminobutyric acid; Rat, 81

Development
Locomotion; Central pattern generation; Neonate rat; Swimming; Electromyography, 215

Diazepam
Benzodiazepine; Elevated plus-maze; Exploration; Fear; Reward; Habituation; Biphasic, 109

5,7-Dihydroxytryptamine
Hippocampus; Hyperactivity; Habituation; Alternation, 37

E

Electrolytic lesion
Self-stimulation; Brain stimulation reward; Medial forebrain bundle; Amygdala; Lateral hypothalamus; Ventral tegmental area; Rate-frequency curve; Rat, 159

Electromyography
Locomotion; Central pattern generation; Development; Neonate rat; Swimming, 215

Elevated plus-maze
Benzodiazepine; Diazepam; Exploration; Fear; Reward; Habituation; Biphasic, 109

Emotion
Cerebral lateralization; Olfaction; Social recognition; Stress; Pituitary-adrenal hormone; Rat, 53

Ethanol
One-trial inhibitory avoidance; Ro 15-4513; Mouse, 67

Exploration
Benzodiazepine; Diazepam; Elevated plus-maze; Fear; Reward; Habituation; Biphasic, 109

Extinction
Prenatal protein malnutrition; Alternation; Working memory; Interference; Reversal; Rat, 95

Eye movement
Visual discrimination; Retinal image stability; Rabbit, 61

F

Fear
Benzodiazepine; Diazepam; Elevated plus-maze; Exploration; Reward; Habituation; Biphasic, 109

Fornix
Recognition memory; Mammillary bodies; Amygdala; Rat, 145

Frontal cortex
γ-Aminobutyric acid; Delayed spatial alternation; Rat, 81

G

Genetics
Rat behavior; Yawning; Ontogeny; Sexual dimorphism, 29

Grasping
Lesion; Pecking; Pigeon; Visual discrimination, 73

H

Habituation
Hippocampus; 5,7 Dihydroxytryptamine; Hyperactivity; Alternation, 37

Benzodiazepine; Diazepam; Elevated plus-maze; Exploration; Fear; Reward; Biphasic, 109

Hippocampal formation
Delayed match to sample; Inferotemporal cortex; Monkey; Medial temporal lobe; Memory; Single unit activity, 7

Hippocampus
5,7-Dihydroxytryptamine; Hyperactivity; Habituation; Alternation, 37

Spatial behavior; Navigation; Cognitive map; Pigeon, 227

5-HT$_2$ blockade
Waking; Slow-wave sleep; Rapid eye movement sleep; Serotonin; Zimeldine; Ritanserin; 5-HT reuptake inhibition, 239

5-HT reuptake inhibition
Waking; Slow-wave sleepâ; Rapid eye movement sleep; Serotonin; Zimeldine; Ritanserin; 5-HT$_2$ blockade, 239

Hyperactivity
Hippocampus; 5,7-Dihydroxytryptamine; Habituation; Alternation, 37

I

Inferotemporal cortex
Delayed match to sample; Hippocampal formation; Monkey; Medial temporal lobe; Memory; Single unit activity, 7

Interference
Prenatal protein malnutrition; Alternation; Working memory; Extinction; Reversal; Rat, 95

Interictal spike
8-Arm maze; Kindling; Working memory; Seizure, 119

K

Kindling
8-Arm maze; Working memory; Interictal spike; Seizure, 119

L

Lateral hypothalamus
Self-stimulation; Brain stimulation reward; Medial forebrain bundle; Amygdala; Ventral tegmental area; Electrolytic lesion; Rate–frequency curve; Rat, 159

Leakage
Cross-modal; Transfer; Matching; Recognition; Vision; Touch; Audition; Monkey; Claustrum, 169

Lesion
Grasping; Pecking; Pigeon; Visual discrimination, 73

Lexicon
Memory; Neural system, 193

Limb preference
Corticospinal tract; Motor cortex; Neural control; Red nucleus; Rubrospinal tract; Rat, 131

Locomotion
Central pattern generation; Development; Neonate rat; Swimming; Electromyography, 215

M

Mammillary bodies
Recognition memory; Amygdala; Fornix; Rat, 145

Matching
Cross-modal; Transfer; Recognition; Vision; Touch; Audition; Monkey; Claustrum; Leakage, 169

Medial forebrain bundle
Self-stimulation; Brain stimulation reward; Amygdala; Lateral hypothalamus; Ventral tegmental area; Electrolytic lesion; Rate–frequency curve; Rat, 159

Medial temporal lobe
Delayed match to sample; Hippocampal formation; Inferotemporal cortex; Monkey; Memory; Single unit activity, 7

Memory
Delayed match to sample; Hippocampal formation; Inferotemporal cortex; Monkey; Medial temporal lobe; Single unit activity, 7

Lexicon; Neural system, 193

Monkey
Delayed match to sample; Hippocampal formation; Inferotemporal cortex; Medial temporal lobe; Memory; Single unit activity, 7

Cross-modal; Transfer; Matching; Recognition; Vision; Touch; Audition; Claustrum; Leakage, 169

Motor cortex
Corticospinal tract; Limb preference; Neural control; Red nucleus; Rubrospinal tract; Rat, 131

Motor system
Pointing movement; Amplitude control; Sensorimotor integration, 247

Mouse
One-trial inhibitory avoidance; Ethanol; Ro 15-4513, 67

N

Navigation
Spatial behavior; Cognitive map; Hippocampus; Pigeon, 227

Neonate rat
Locomotion; Central pattern generation; Development; Swimming; Electromyography, 215

Neural control
Corticospinal tract; Limb preference; Motor cortex; Red nucleus; Rubrospinal tract; Rat, 131

Neural representation
Word deafness; Auditory cortex; Temporal coding; Speech perception, 85

Neural system
Memory; Lexicon, 193

O

Object-motion perception
Visual control of postural sway; Self-motion perception; Visual blurring; Contrast sensitivity, 1

Olfaction
Cerebral lateralization; Emotion; Social recognition; Stress; Pituitary-adrenal hormone; Rat, 53

One-trial inhibitory avoidance
Ethanol; Ro 15-4513; Mouse, 67

Ontogeny
Rat behavior; Yawning; Genetics; Sexual dimorphism, 29

Orientation discrimination
Testing method; Reliability; Validity; Cat, 201

P

Pecking
Grasping; Lesion; Pigeon; Visual discrimination, 73

Pigeon
Grasping; Lesion; Pecking; Visual discrimination, 73

Spatial behavior; Navigation; Cognitive map; Hippocampus, 227

Pituitary-adrenal hormone
Cerebral lateralization; Emotion; Olfaction; Social recognition; Stress; Rat, 53

Pointing movement
Motor system; Amplitude control; Sensorimotor integration, 247

Prenatal protein malnutrition
Alternation; Working memory; Interference; Extinction; Reversal; Rat, 95

Psychophysics
Self-stimulation; Trade-off procedure, 45

R

Rabbit
Visual discrimination; Eye movement; Retinal image stability, 61

Rapid eye movement sleep
Waking; Slow-wave sleep; Serotonin; Zimeldine; Ritanserin; 5-HT reuptake inhibition; 5-HT_2 blockade, 239

Rat
Cerebral lateralization; Emotion; Olfaction; Social recognition; Stress; Pituitary-adrenal hormone, 53

Frontal cortex; γ-Aminobutyric acid; Delayed spatial alternation, 81

Prenatal protein malnutrition; Alternation; Working memory; Interference; Extinction; Reversal, 95

Corticospinal tract; Limb preference; Motor cortex; Neural control; Red nucleus; Rubrospinal tract, 131

Recognition memory; Mammillary bodies; Amygdala; Fornix, 145

Self-stimulation; Brain stimulation reward; Medial forebrain bundle; Amygdala; Lateral hypothalamus; Ventral tegmental area; Electrolytic lesion; Rate–frequency curve, 159

Rat behavior
Yawning; Genetics; Ontogeny; Sexual dimorphism, 29

Rate–frequency curve
Self-stimulation reward; Brain stimulation reward; Medial forebrain bundle; Amygdala; Lateral hypothalamus; Ventral tegmental area; Electrolytic lesion; Rat, 159

Recognition memory
Mammillary bodies; Amygdala; Fornix; Rat, 145

Recognition
Cross-modal; Transfer; Matching; Vision; Touch; Audition; Monkey; Claustrum; Leakage, 169

Red nucleus
Corticospinal tract; Limb preference; Motor cortex; Neural control; Rubrospinal tract; Rat, 131

Reliability
Orientation discrimination; Testing method; Validity; Cat, 201

Retinal image stability
Visual discrimination; Eye movement; Rabbit, 61

Reversal
Prenatal protein malnutrition; Alternation; Working memory; Interference; Extinction; Rat, 95

Reward
Benzodiazepine; Diazepam; Elevated plus-maze; Exploration; Fear; Habituation; Biphasic, 109

Ritanserin
Waking; Slow-wave sleep; Rapid eye movement sleep; Serotonin; Zimeldine; 5-HT reuptake inhibition; 5-HT_2 blockade, 239

Ro 15-4513
One-trial inhibitory avoidance; Ethanol; Mouse, 67

Rubrospinal tract
Corticospinal tract; Limb preference; Motor cortex; Neural control; Red nucleus; Rat, 131

S

Seizure
8-Arm maze; Kindling; Working memory; Interictal spike, 119

Self-motion perception
Visual control of postural sway; Object-motion perception; Visual blurring; Contrast sensitivity, 1

Self-stimulation
Psychophysics; Trade-off procedure, 45

Brain stimlulation reward; Medial forebrain bundle; Amygdala; Lateral hypothalamus; Ventral tegmental area; Electrolytic lesion; Rate–frequency curve; Rat, 159

Sensorimotor integration
Pointing movement; Motor system; Amplitude control, 247

Serotonin
Waking; Slow-wave sleep; Rapid eye movement sleep; Zimeldine; Ritanserin; 5-HT reuptake inhibition; 5-HT_2 blockade, 239

Sexual dimorphism
Rat behavior; Yawning; Genetics; Ontogeny, 29

Single unit activity
Delayed match to sample; Hippocampal formation; Inferotemporal cortex; Monkey; Medial temporal lobe; Memory, 7

Slow-wave sleep
Waking; Rapid eye movement sleep; Serotonin; Zimeldine; Ritanserin; 5-HT reuptake inhibition; 5-HT_2 blockade, 239

Social recognition
Cerebral lateralization; Emotion; Olfaction; Stress; Pituitary-adrenal hormone; Rat, 53

Spatial behavior
Navigation; Cognitive map; Hippocampus; Pigeon, 227

Speech perception
Word deafness; Auditory cortex; Neural representation; Temporal coding, 85

Stress
Cerebral lateralization; Emotion; Olfaction; Social recognition; Pituitary-adrenal hormone; Rat, 53

Swimming
Locomotion; Central pattern generation; Development; Neonate rat; Electromyography, 215

T

Temporal coding
Word deafness; Auditory cortex; Neural representation; Speech perception, 85

Testing method
Orientation discrimination; Reliability; Validity; Cat, 201

Touch
Cross-modal; Transfer; Matching; Recognition; Vision; Audition; Monkey; Claustrum; Leakage, 169

Trade-off procedure
Self-stimulation; Psychophysics, 45

Transfer
Cross-modal; Matching; Recognition; Vision; Touch; Audition; Monkey; Claustrum; Leakage, 169

V

Validity
Orientation discrimination; Testing method; Reliability; Cat, 201

Ventral tegmental area
Self-stimulation; Brain stimulation reward; Medial forebrain bundle; Amygdala; Lateral hypothalamus; Electrolytic lesion; Rate–frequency curve; Rat, 159

Vision
Cross-modal; Transfer; Recognition; Touch; Audition; Monkey; Claustrum; Leakage, 169

Visual blurring
Visual control of postural sway; Self-motion perception; Object-motion perception; Contrast sensitivity, 1

Visual control of postural sway
Self-motion perception; Object-motion perception; Visual blurring; Contrast sensitivity, 1

Visual discrimination
Eye movement; Retinal image stability; Rabbit, 61

Grasping; Lesion; Pecking; Pigeon, 73

W

Waking
Slow-wave sleep; Rapid eye movement sleep; Serotonin; Zimeldine; Ritanserin; 5-HT reuptake inhibition; 5-HT_2 blockade, 239

Word deafness
Auditory cortex; Neural representation; Temporal coding; Speech perception, 85

Working memory
Prenatal protein malnutrition; Alternation; Interference; Extinction; Reversal; Rat, 95

8-Arm maze; Kindling; Interictal spike; Seizure, 119

Y

Yawning
Rat behavior; Genetics; Ontogeny; Sexual dimorphism, 29

Z

Zimeldine
Waking; Slow-wave sleep; Rapid eye movement sleep; Serotonin; Ritanserin; 5-HT reuptake; 5-HT_2 blockade, 239